

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in this application:

1. (Cancel without prejudice or disclaimer).
2. (Previously Presented) Apparatus comprising:
an electrolyte fluid;
a first electrode;
a nanostructured surface between said electrolyte fluid and said electrode;
wherein said nanostructured surface prevents contact of the electrolyte fluid and the electrode; and
wherein, upon passing a voltage over said nanostructured surface, said electrolyte fluid penetrates said surface, thus contacting said electrode.
3. (Previously Presented) Apparatus comprising:
an electrolyte fluid;
a first electrode;
a nanostructured surface between said electrolyte fluid and said electrode,
wherein said nanostructured surface prevents contact of the electrolyte fluid and the electrode; and
a second electrode in contact with said electrolyte fluid disposed in a way such that, when said electrolyte fluid penetrates said surface, a battery capable of generating an electrical current is formed.
4. (Previously Presented) Apparatus comprising:
an electrolyte fluid;
a first electrode;

a nanostructured surface between said electrolyte fluid and said first electrode, wherein said nanostructured surface prevents contact of said electrolyte fluid and said first electrode;

an electrical circuit comprising an electrical load; and

a second electrode in contact with said electrolyte fluid disposed in a way such that, when said electrolyte fluid penetrates said nanostructured surface, a battery capable of generating an electrical current is formed.

5. (Previously Presented) Apparatus comprising:

an electrolyte fluid;

a first electrode;

a nanostructured surface between said electrolyte fluid and said first electrode, wherein said nanostructured surface prevents contact of said electrolyte fluid and said first electrode;

an electrical circuit comprising an electrical load, wherein said electrical load is at least one laser; and

a second electrode in contact with said electrolyte fluid disposed in a way such that, when said electrolyte fluid penetrates said nanostructured surface, a battery capable of generating an electrical current is formed.

6. (Cancel without prejudice or disclaimer).

7. (Cancel without prejudice or disclaimer).

8. (Cancel without prejudice or disclaimer).